

Title (en)

Signal processing method of magnetic recording medium and magnetic record reproduction apparatus

Title (de)

Signalverarbeitungsmethode eines magnetischen Aufzeichnungsmediums und magnetische Aufzeichnungs- und Wiedergabevorrichtung

Title (fr)

Procédé de traitement de signaux de support d'enregistrement magnétique et appareil d'enregistrement et de reproduction magnétique

Publication

**EP 1638085 B1 20081105 (EN)**

Application

**EP 05020528 A 20050921**

Priority

JP 2004273493 A 20040921

Abstract (en)

[origin: EP1638085A2] When signals are read out by a magnetic head from a magnetic recording medium on which magnetic bits corresponding to information are recorded along the tracks thereof by a magnetic transfer method, if a space which is longer than or equal to a length corresponding to three bits is present between consecutive magnetic bits, readout of signals from a sub-pulse generation area in the space is cancelled in readout of the magnetic bits by the magnetic head along the tracks. The signals are not read out at all, or even if the signals are read out, they are not processed as valid signals.

IPC 8 full level

**G11B 5/00** (2006.01); **G11B 5/55** (2006.01); **G11B 5/596** (2006.01); **G11B 5/86** (2006.01)

CPC (source: EP US)

**G11B 5/00** (2013.01 - EP US); **G11B 5/09** (2013.01 - EP US); **G11B 5/59688** (2013.01 - EP US); **G11B 5/865** (2013.01 - EP US)

Cited by

EP1873760A3; US7667908B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1638085 A2 20060322**; **EP 1638085 A3 20070606**; **EP 1638085 B1 20081105**; DE 602005010801 D1 20081218; JP 2006092596 A 20060406; US 2006061897 A1 20060323; US 7365926 B2 20080429

DOCDB simple family (application)

**EP 05020528 A 20050921**; DE 602005010801 T 20050921; JP 2004273493 A 20040921; US 22961205 A 20050920